F O R D

LOUISVILLE LINE

LN-8000 "Shorthauler"

AMT ERTL

STOCK No. 6460
Form No. 099-6460

1970 Ford introduced the new -Series, LOUISVILLE LINE trucks. The L-Series was amed for the place where they ere built, Louisville, home of ord's brand new Kentucky Truck lant which was the largest facility its kind in the world at the time.

The LOUISVILLE LINE of ucks featured 650 different systems-engineered" models from Ns, single-axle conventionals ke this "shorthauler" model you re building, to LNTs, tandem ractors with a GVW of up to 4,000 pounds.

The chassis of the new L-Series eatured lighter, stronger frames; he wide-track front axles had up o 20,000 pounds capacity; the ew dual-circuit brakes were both ydraulic and air operated.

The newly designed cabs, built by Budd, were high mounted to accommodate larger engines; interiors were designed using the latest in ergonometric (human factor) science, the instrument panel was hinged to facilitate service; and the L-Line windshield, with 1,515 square inches, was he largest windshield made by any manufacturer.

The truck hood, with integral fenders and grille, as built of steel-reinforced fiberglass. The hood was designed to tilt forward for engine access.

The 10 Ford-built gasoline engines for the new L-Series were the same as for previous models but the number of diesel engines offered were expanded to 20 models with up to 335 horsepower.

The L-Line was offered with three different BBC (bumper to back-of-cab) dimensions: 93.3 inches on the LN- and LNT- 800-9000 models; 95.3 inches on the LN-500-750 models; and 105.3 inches on the L-, LN-, and LTS-800–9000 models.

IMPORTANT

efore you begin to assemble your model kit, study the instructions refully. This will help you to familiarize yourself with the part cations as you proceed. Prior to cementing parts together, be sure "TEST FIT" them in order to assure proper alignment and also to eck for excess " FLASH" that may occur along parting lines. Use a arp hobby knife or file to remove flash if necessary.

If you wish to paint your model, various sub-assemblies and mponents should be painted before any parts are attached. During sembly, you may note that the recommended color is stated after e part name.

This model kit is molded from the finest high-impact styrene astic. **Use only paints and cements which are specifically rmulated for styrene. Read all labels and warnings carefully.**

Because the cement will only adhere to bare plastic, it is necessary remove any paint or "plating" from the area to which the cement to be applied.

BUILDING TIPS FOR THE ADVANCED MODELER

For the best possible finish, your kit should be painted, even if olded in color. Paint should be applied evenly, in several thin coats ather than one heavy coat. The first coat should not completely cover he surface. Each layer should be allowed to thoroughly dry before the ext is applied. Also, each coat should be "wet sanded", except for the nal coat, using No.1200 wet or dry sandpaper which is slightly damp. e careful not to remove any detail while sanding.

It is important to keep your hands clean when working with your odel and wash parts thoroughly before painting to remove any mold lease agent that may have been used during manufacture, body oil om your hands, sanding residue, and dust, which is naturally attracted plastic by static electricity. Use a mild solution of dishwashing tergent and water. A tack rag should be used to dry the parts, DO OT use paper towels or tissues, since they will leave lint on the part.

Parting lines and glue joints should be sanded or filed prior to inting and cementing. Because paint has a tendency to draw away om sharp edges, they should be lightly filed. Use filler putty designed r plastic to fill small gaps that may occur between parts and to blend ntours. This should be done only after the first, or "primer," coat of int is applied.

When painting a two-tone body, the lightest color should be painted st. Use frosted, or "magic," tape to mask off the area you do not want inted. After the second color is dry to the touch, the tape can be moved. Use a very fine brush to touch up edges if necessary. If decals e to be added, do so before adding any gloss coat. A gloss coat will lp even out the edges between the two colors as well as set the decals.

RECOMMENDED TOOLS

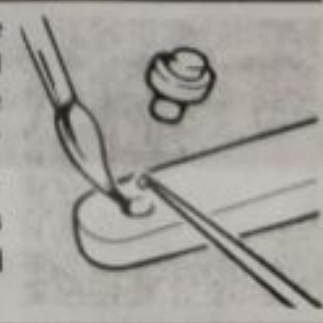
HOBBY KNIFE

Use a sharp hobby knife to remove parts from the trees. The knife may also be used to remove parting lines and flash.

TWEEZERS

Use tweezers to hold small parts during assembly, painting and when applying cement.

BRUSH



We recommend the use of liquid polystyrene cement. Apply with a fine brush. Use sparingly or a sloppy job will result.

READ ALL LABELS AND WARNINGS CAREFULLY

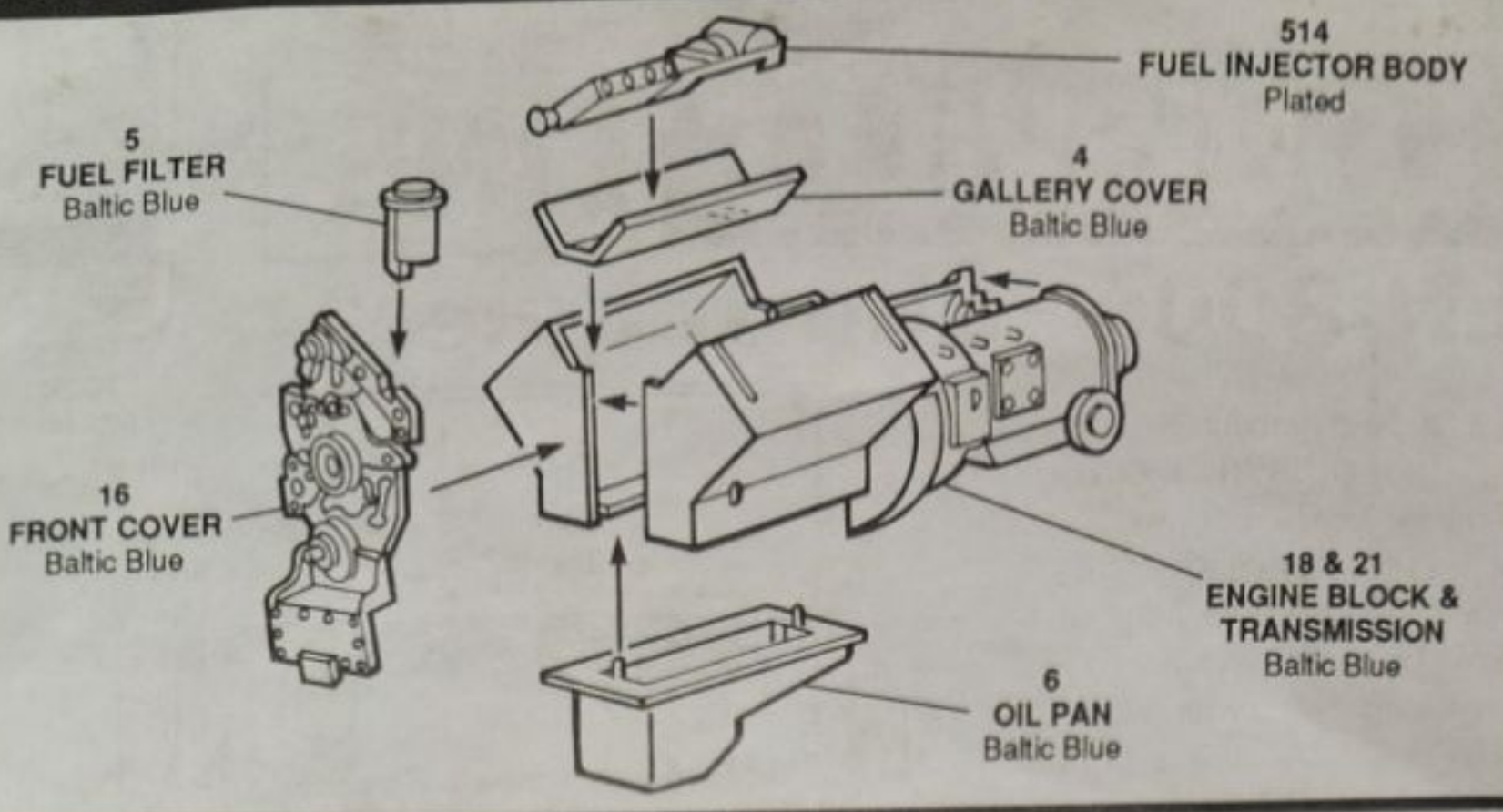
We take great pride in providing the finest model kits available, giving strong attention to detail and craftsmanship. Should you have any difficulty with assembly or missing parts, please call the appropriate number listed below between the hours of 8:00 am to 4:30 pm central time, Monday through Friday.

In the U.S.A. call toll free
800 - 553 - 4886

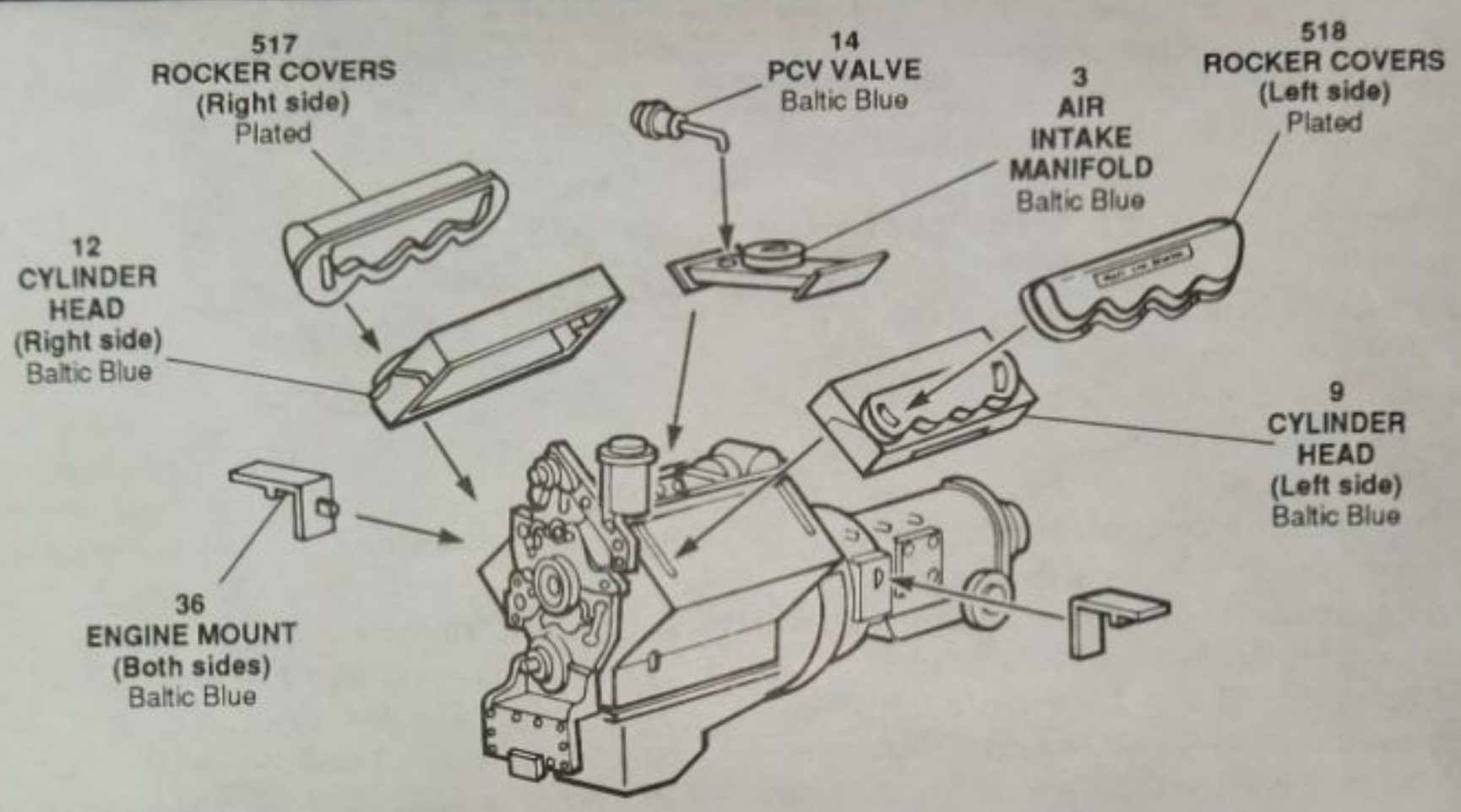
Outside of the United States call
1 - 319 - 875 - 2000

When in the Midwest, please visit the ERTL Company for a tour of the AMT production facilities, 10am & 1pm weekdays. Reservations suggested.

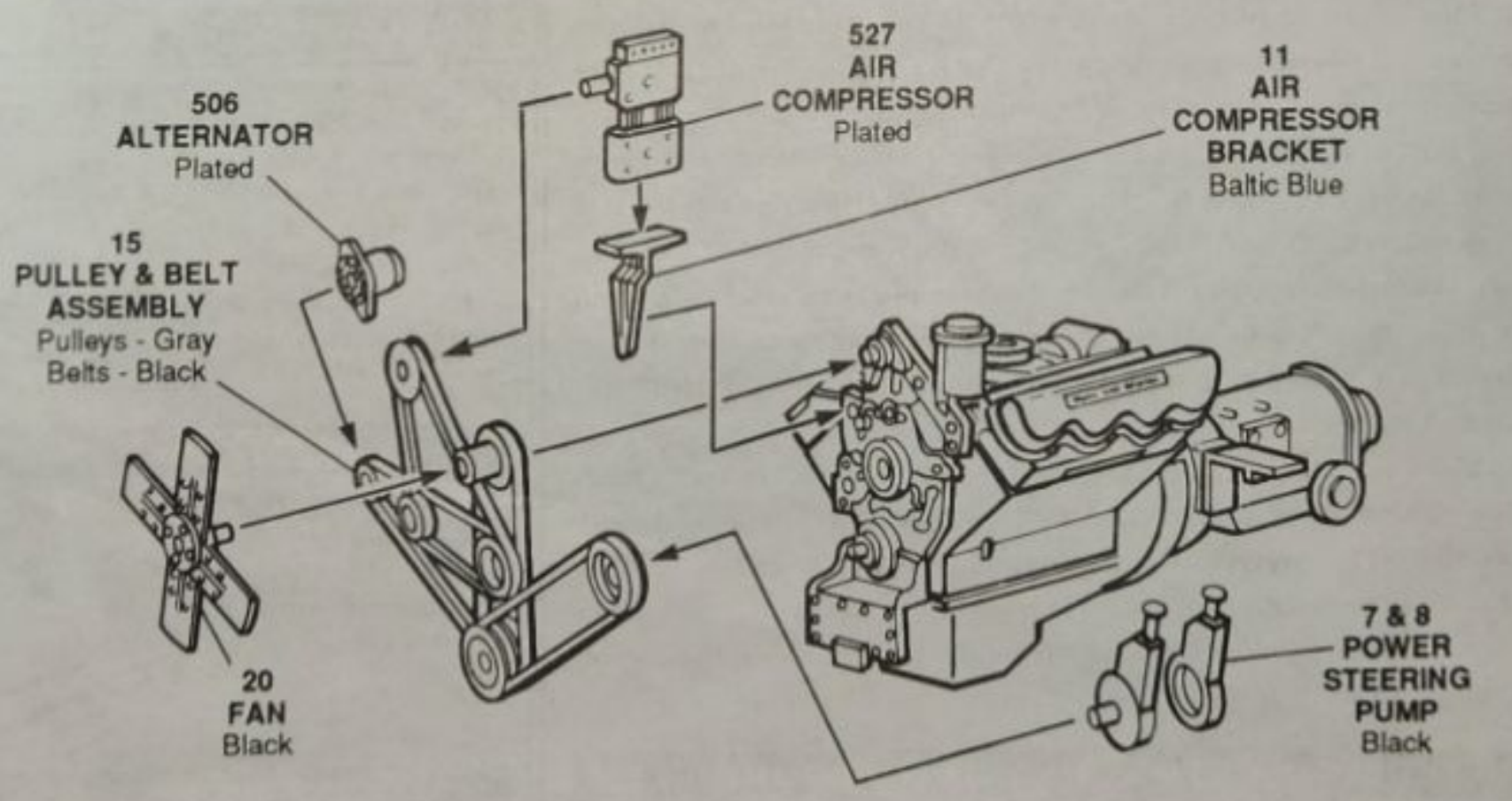
1 ENGINE BLOCK & TRANSMISSION ASSEMBLY



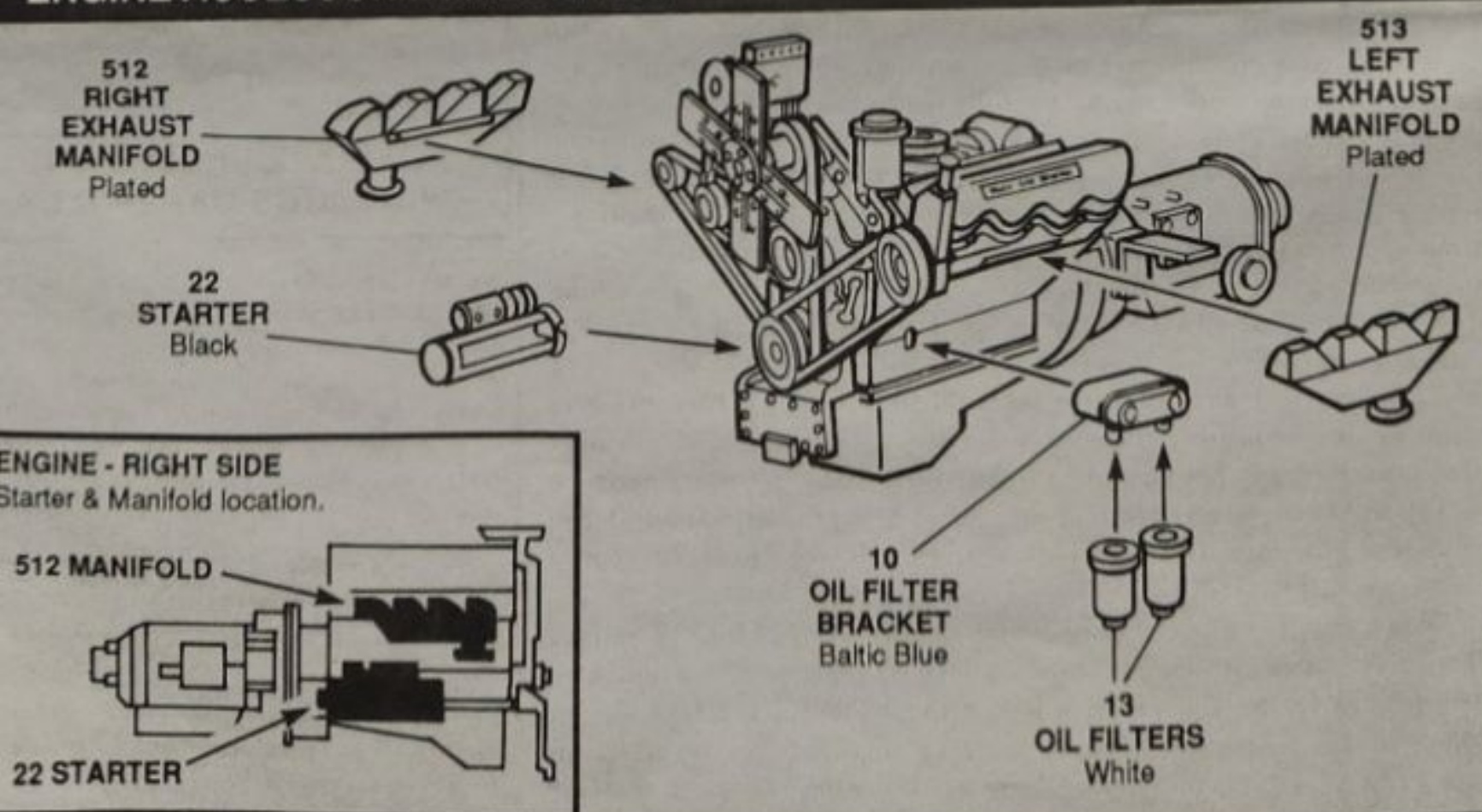
2 ENGINE CYLINDER HEAD & ACCESSORIES ASSEMBLY



3 ENGINE ACCESSORIES ASSEMBLY

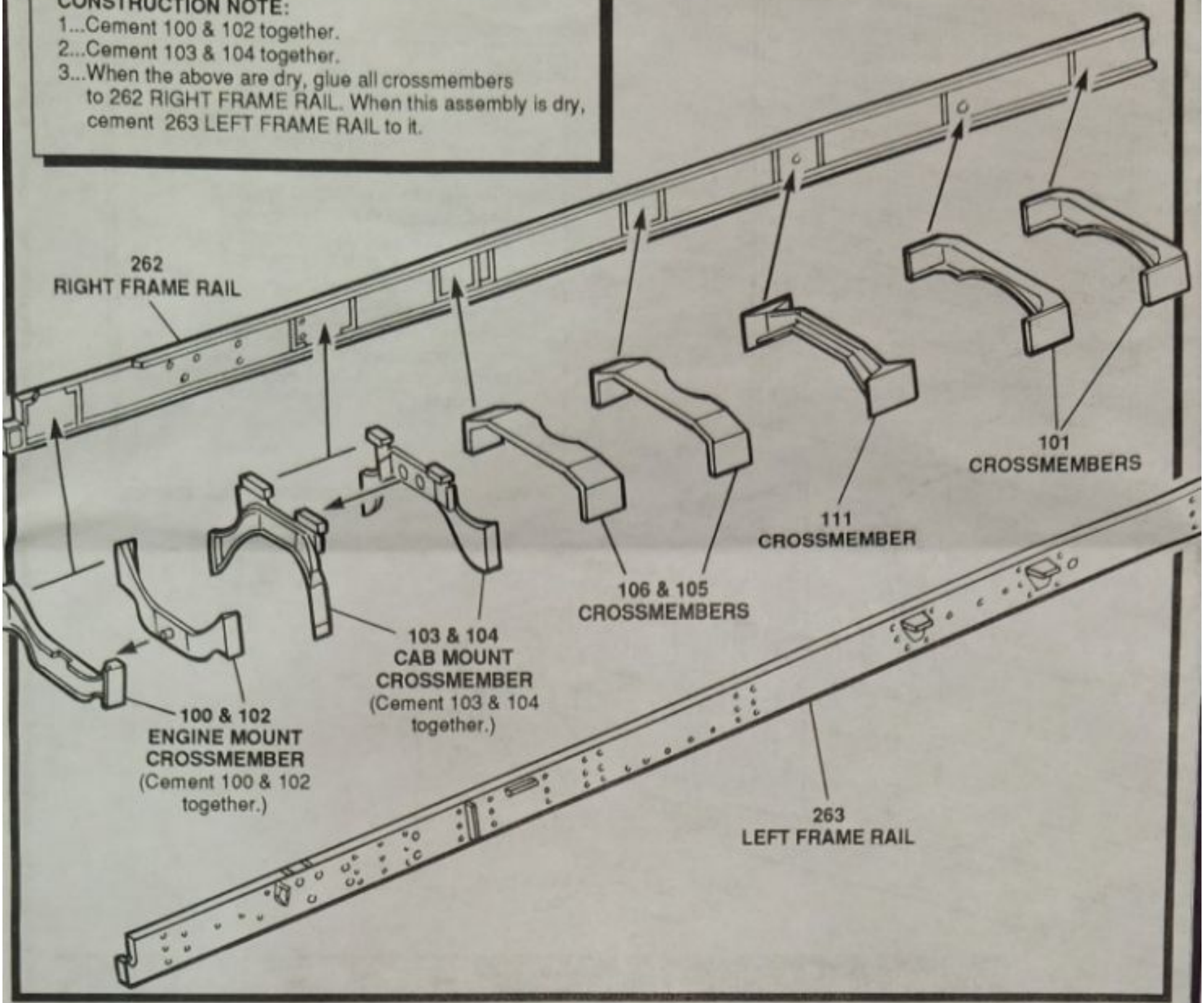


4 ENGINE ACCESSORIES ASSEMBLY



5 TRUCK FRAME ASSEMBLY

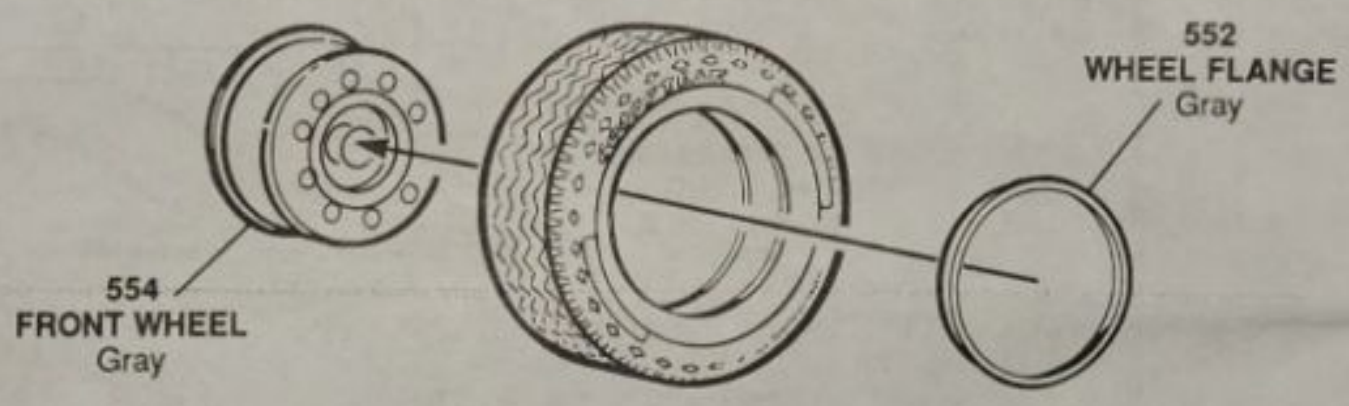
CONSTRUCTION NOTE:
1...Cement 100 & 102 together.
2...Cement 103 & 104 together.
3...When the above are dry, glue all crossmembers to 262 RIGHT FRAME RAIL. When this assembly is dry, cement 263 LEFT FRAME RAIL to it.



6 WHEEL & TIRE ASSEMBLY

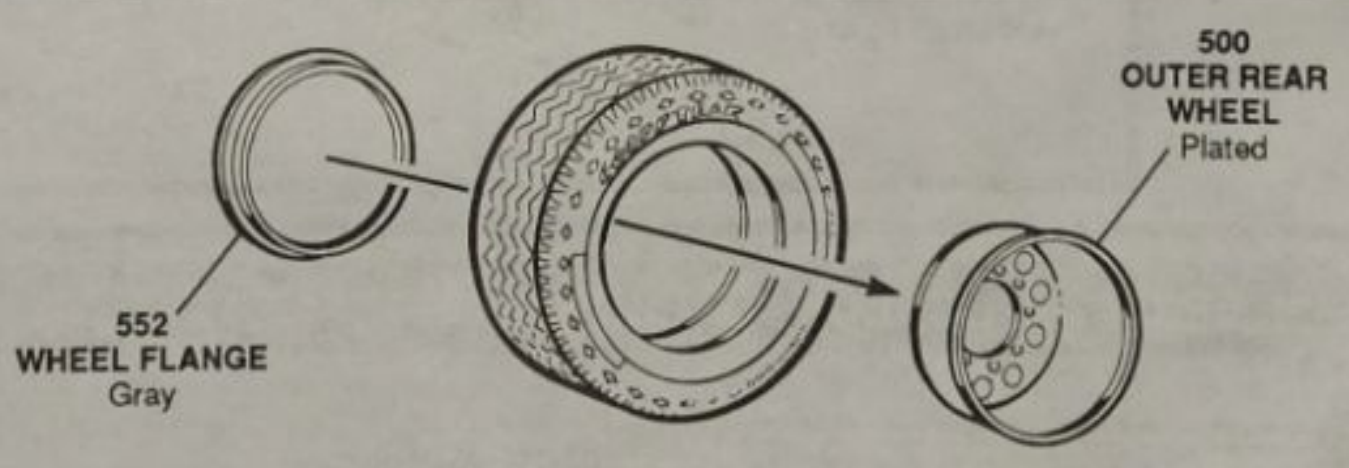
FRONT WHEEL & TIRE ASSEMBLY

NOTE: Make two of these assemblies.



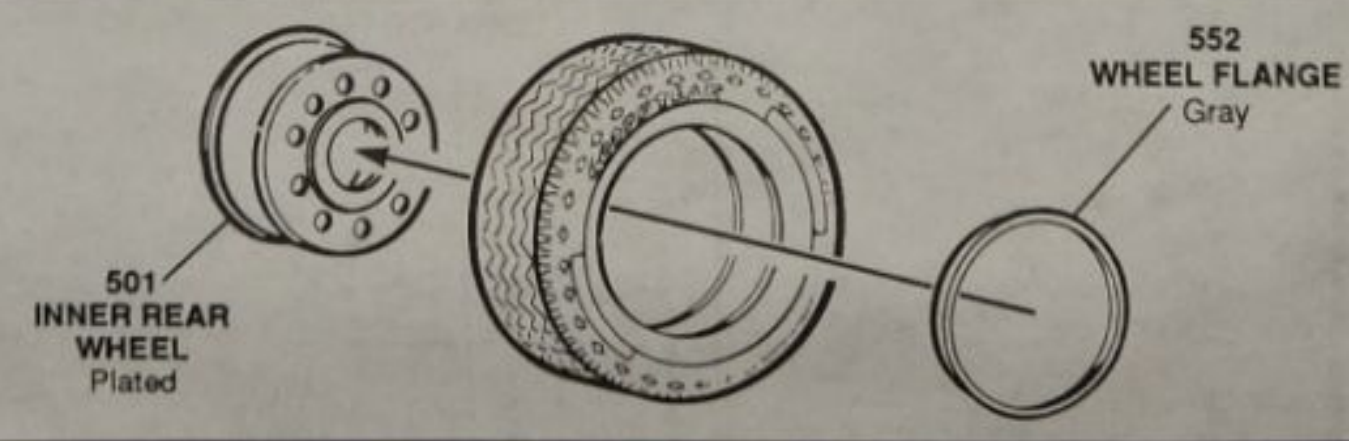
OUTER REAR WHEEL & TIRE ASSEMBLY

NOTE: Make two of these assemblies.



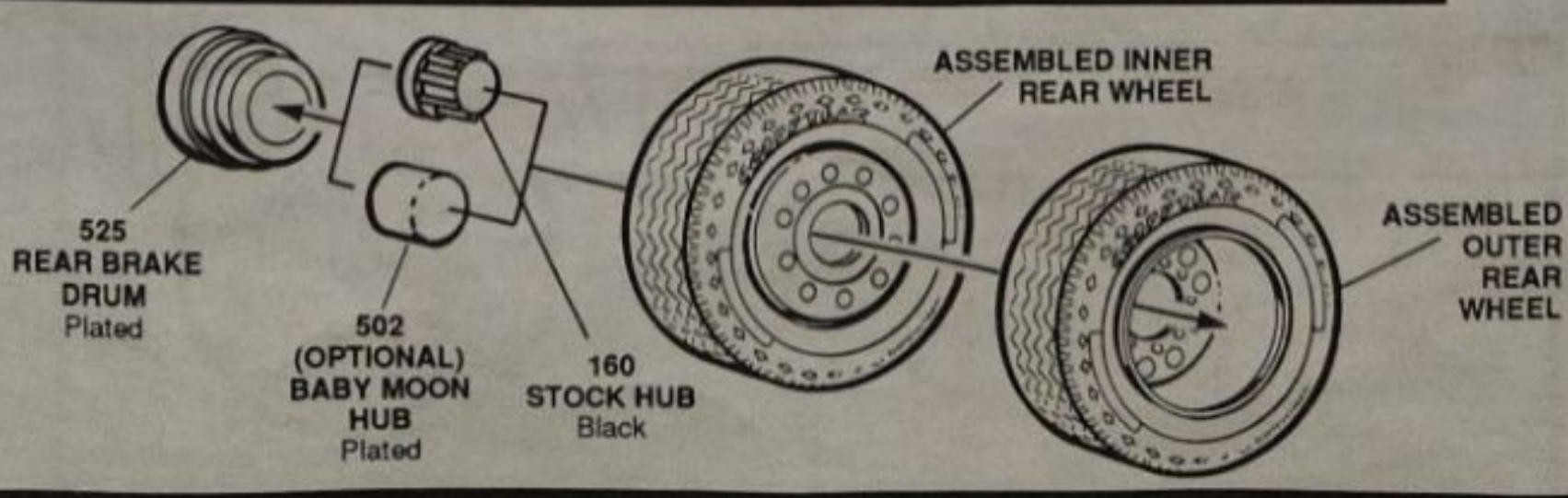
INNER REAR WHEEL & TIRE ASSEMBLY

NOTE: Make two of these assemblies.



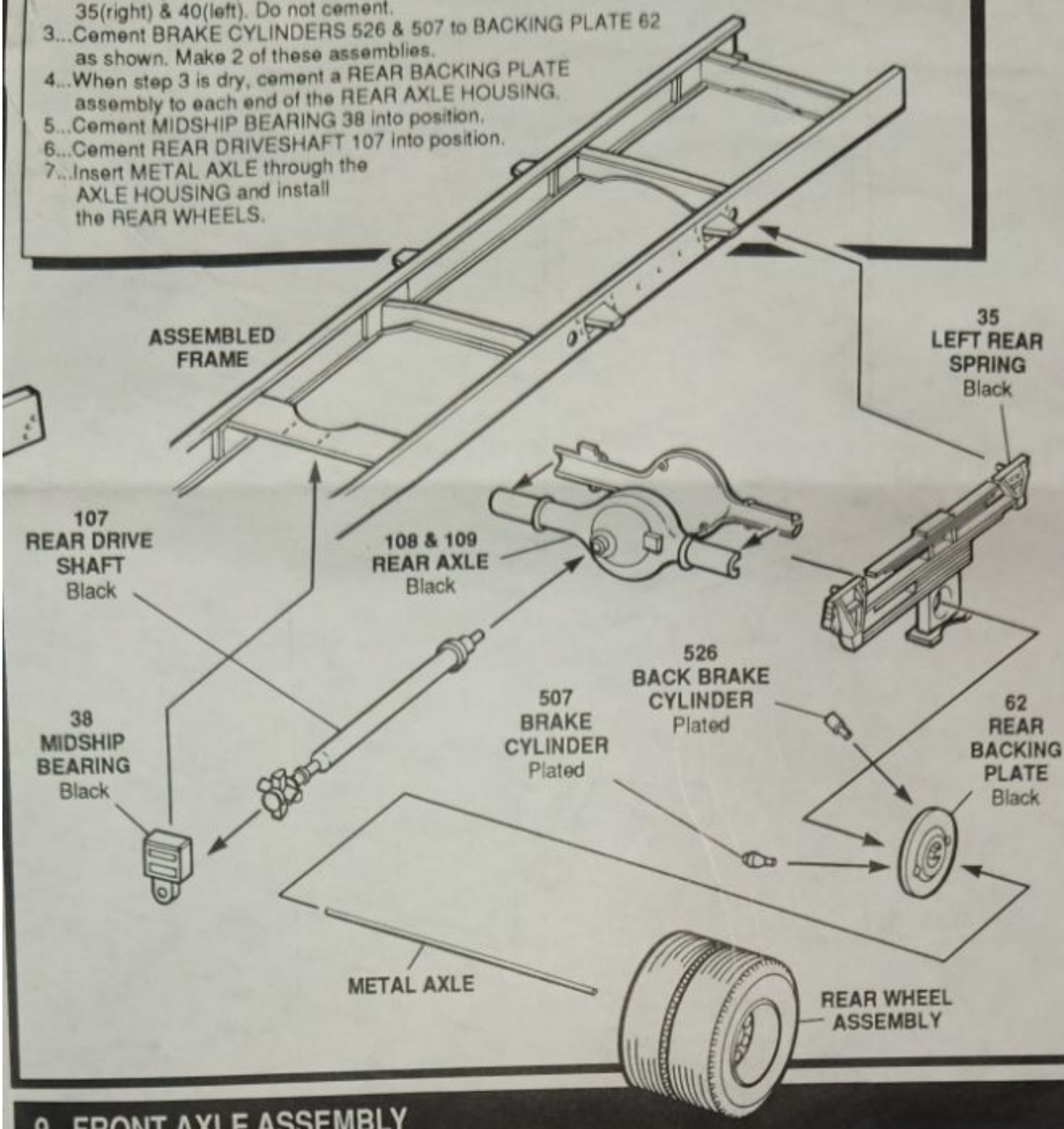
7 REAR WHEEL & BRAKE DRUM ASSEMBLY

CONSTRUCTION NOTE:
1...Cement 525 & 502 (or 160) together. Allow assembly to dry.
2...Apply cement to hub and intall the ASSEMBLED INNER REAR WHEEL followed by the ASSEMBLED OUTER REAR WHEEL.



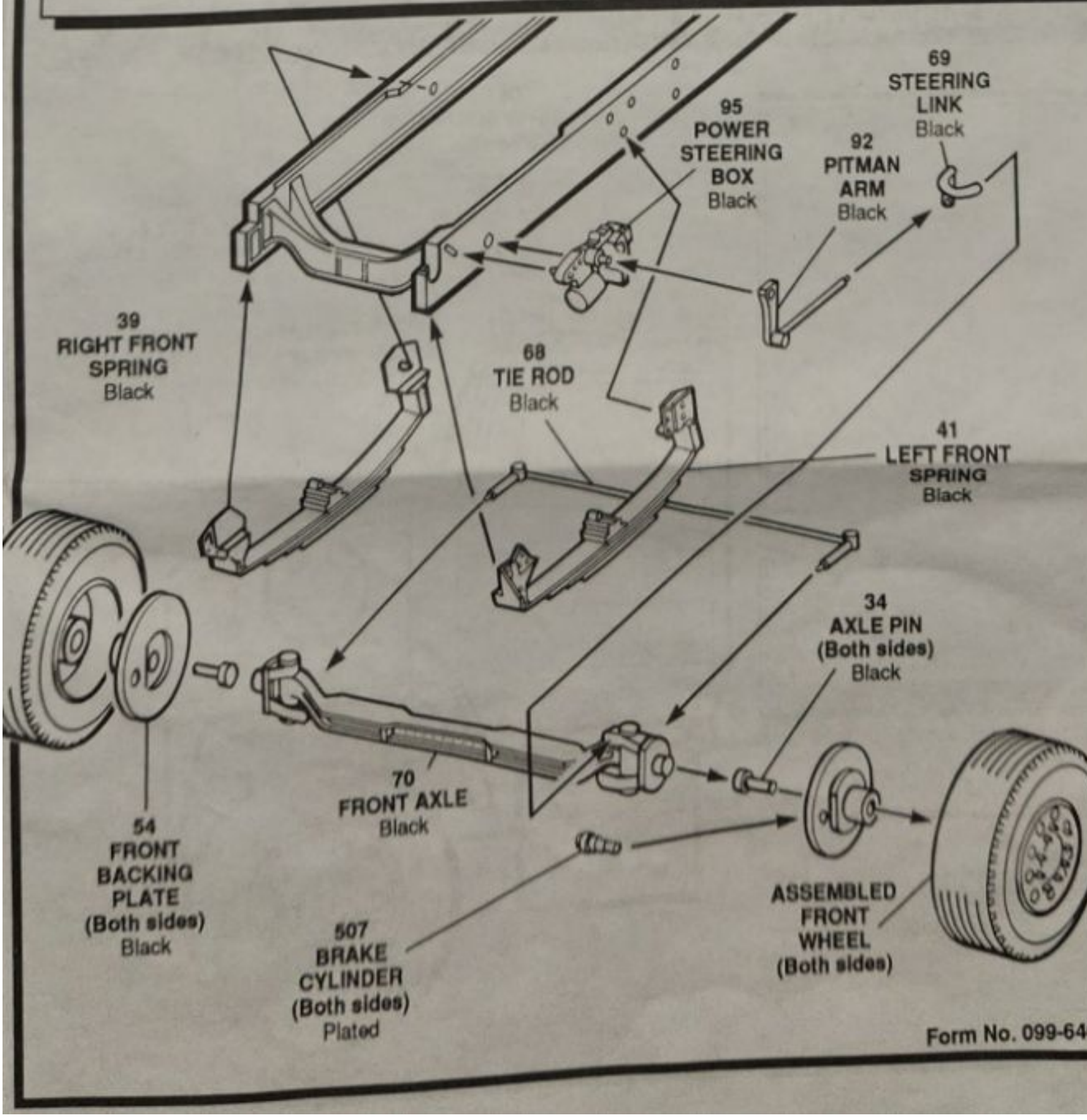
8 REAR AXLE ASSEMBLY

CONSTRUCTION NOTE:
Left side shown. Assemble right side in same manner using RIGHT REAR SPRING 40.
1...Cement REAR AXLE HOUSING halves 108 & 109 together.
2...When step 1 is dry, insert AXLE HOUSING through the holes in the REAR SPRINGS 35(right) & 40(left). Do not cement.
3...Cement BRAKE CYLINDERS 526 & 507 to BACKING PLATE 62 as shown. Make 2 of these assemblies.
4...When step 3 is dry, cement a REAR BACKING PLATE assembly to each end of the REAR AXLE HOUSING.
5...Cement MIDSHIP BEARING 38 into position.
6...Cement REAR DRIVESHAFT 107 into position.
7...Insert METAL AXLE through the AXLE HOUSING and install the REAR WHEELS.



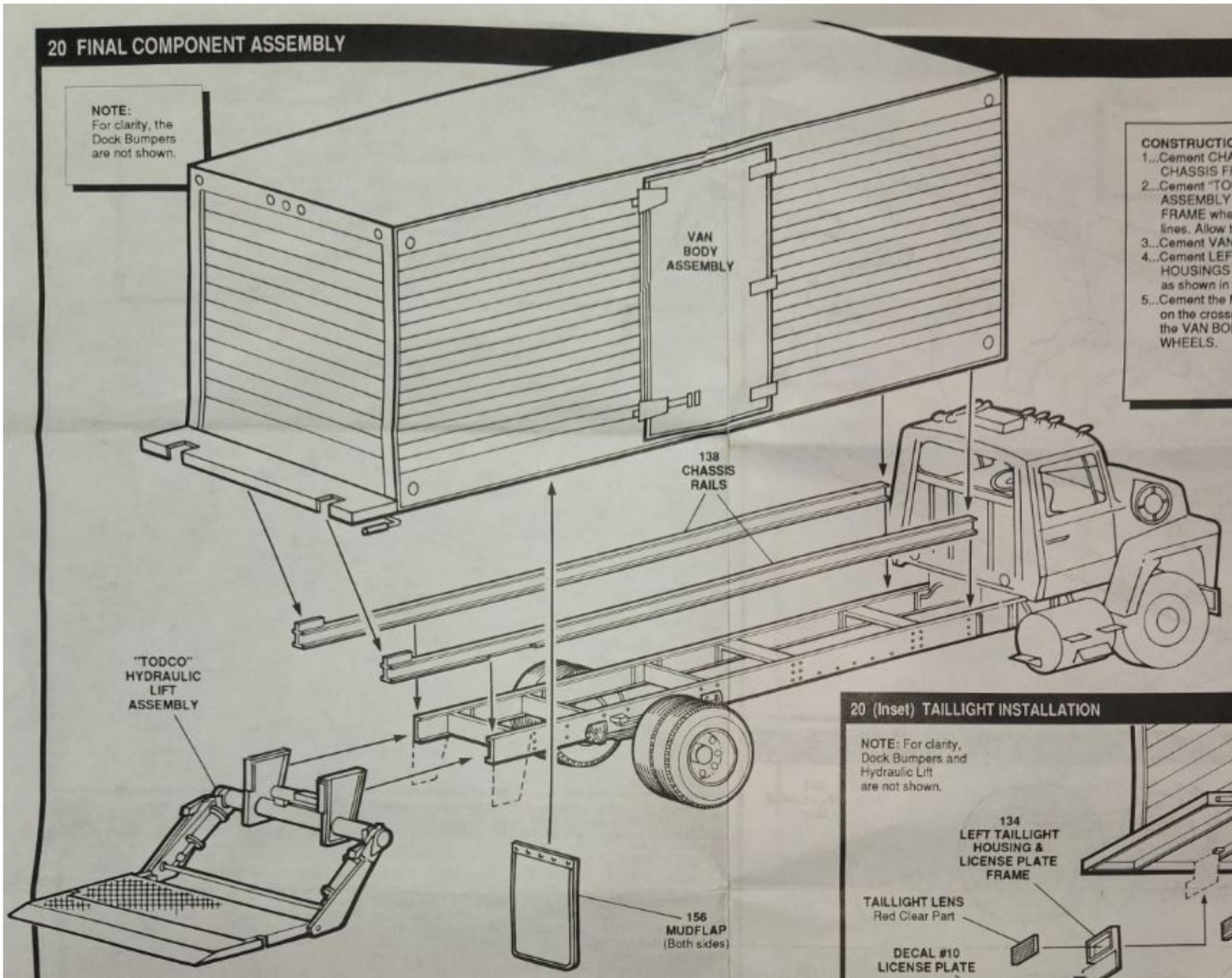
9 FRONT AXLE ASSEMBLY

CONSTRUCTION NOTE:
1...Drop the AXLE PINS 34 into BACKING PLATES. Put a small drop of glue on the end of theAXLE PINS where they stick through the BACKING PLATES (don't get any glue on the BACKING PLATES). Push BACKING PLATES and AXLE PINS onto back sides of FRONT WHEEL ASSEMBLIES.
2...Cement BRAKE CYLINDERS 507 to FRONT BACKING PLATES 54. Set these assemblies aside to dry.
3...Cement FRONT SPRINGS 41(Left) and 39 (Right) to frame.
4...Cement TIE ROD 68 to FRONT AXLE 70.
5...Cement FRONT AXLE 70 to bottoms of FRONT SPRINGS. Match notches on SPRINGS with tabs on AXLES.
6...Cement POWER STEERING BOX 95 to FRAME.
7...Cement PITMAN ARM 92 intro position on POWER STEERING BOX.
8...Cement STEERING LINK 69 into position on PITMAN ARM and FRONT AXLE.
9...Cement WHEEL&BACKING PLATE ASSEMBLIES to FRONT AXLE ends. Be careful not to get cement on the AXLE PINS.



20 FINAL COMPONENT ASSEMBLY

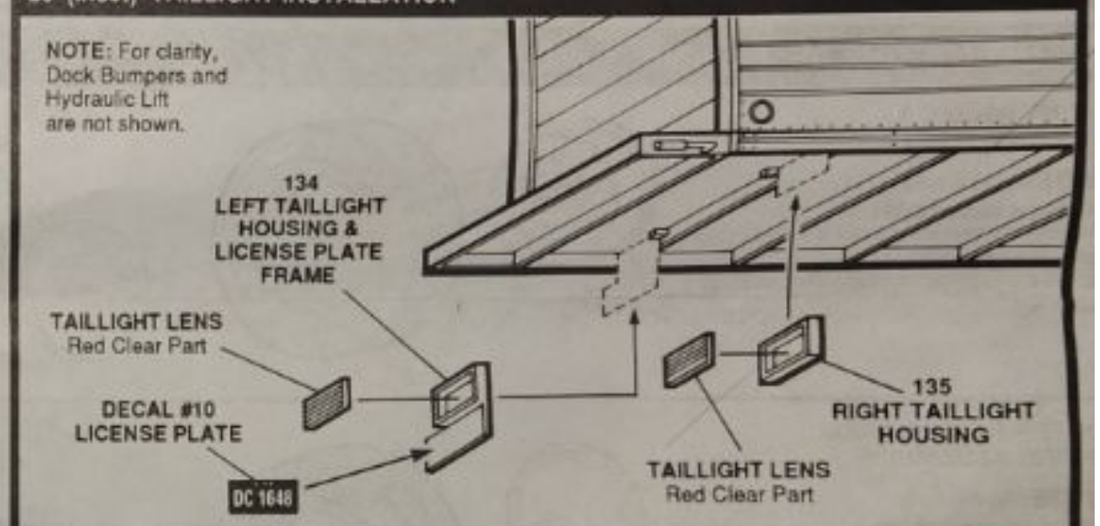
NOTE:
For clarity, the Dock Bumpers are not shown.



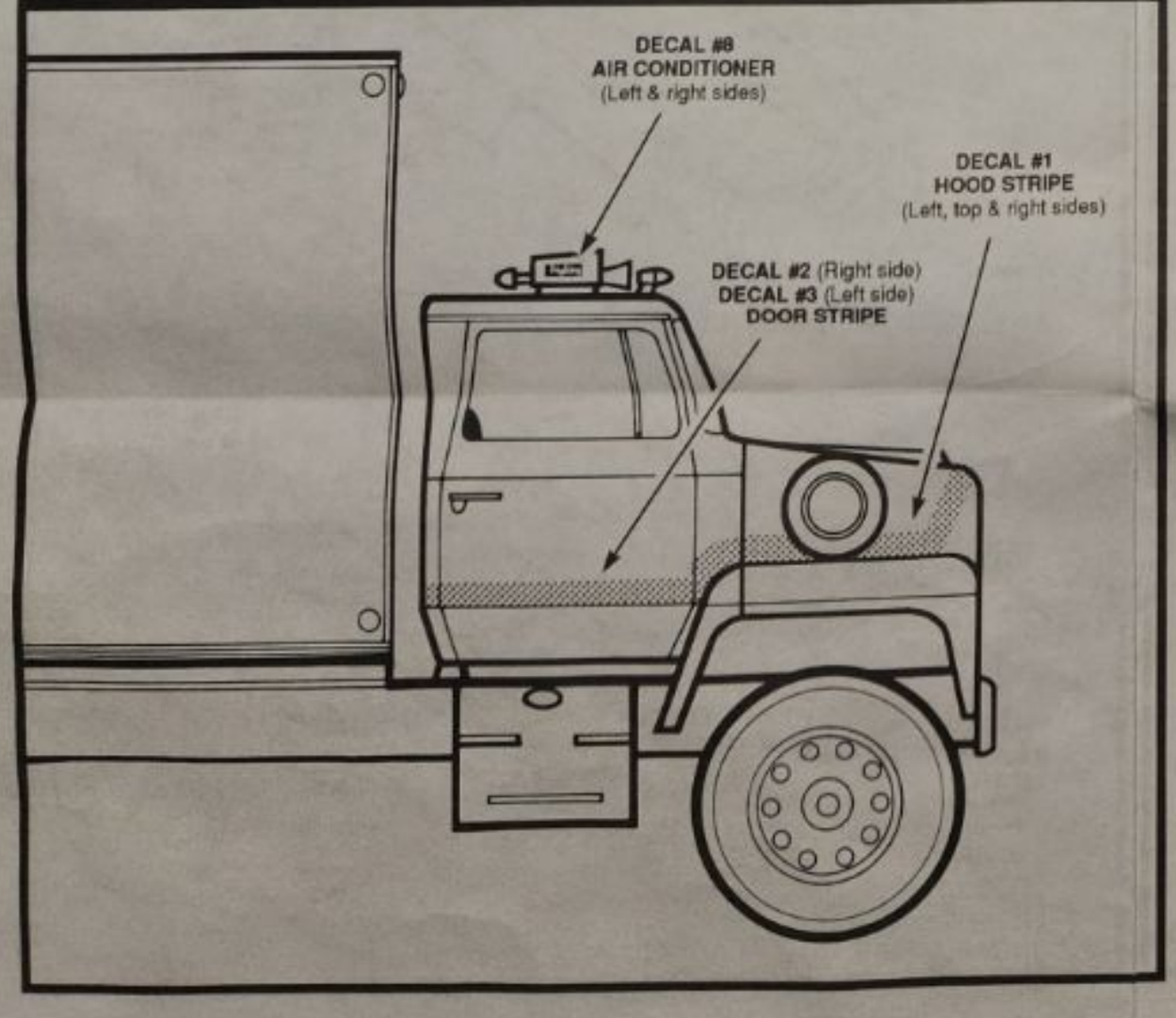
CONSTRUCTION NOTE:
1...Cement CHASSIS RAILS to the tops of CHASSIS FRAME and allow to dry.
2...Cement "TODCO" HYDRAULIC LIFT ASSEMBLY to the ends of the CHASSIS FRAME where indicated by the dashed lines. Allow to dry.
3...Cement VAN BODY to CHASSIS RAILS.
4...Cement LEFT & RIGHT TAILLIGHT HOUSINGS to the ribs under the floor as shown in the inset drawing.
5...Cement the MUDFLAPS into position on the crossmember on the underside of the VAN BODY behind the REAR WHEELS.

20 (Inset) TAILLIGHT INSTALLATION

NOTE: For clarity, Dock Bumpers and Hydraulic Lift are not shown.



21 DECAL APPLICATION - OPTION 1



21 DECAL APPLICATION - OPTION 2